

From: Stevie Wilding/ESC/R3/USEPA/US
Sent: 1/11/2012 9:18:36 AM
To: Gnance@TechLawInc.com
CC:
Subject: Re: Dimock RLs

Gene,

I sent to our SVOC chemist. We do have capability for PAH SIM -- but this is a whole other extraction. So volume will be required for this. The bottle neck for us is the extraction labs and glassware. We will do our best and possibly we can ask another region to do the PAH separately. I will get back to you on this.

From: "Nance, Gene" <Gnance@TechLawInc.com>
To: Stevie Wilding/ESC/R3/USEPA/US
Date: 01/10/2012 08:07 PM
Subject: Dimock RLs

Stevie,

I reviewed the RLs list. We don't have any assigned site-specific action limits, but I just compared with the Safe drinking water act MCLs and the RPA Regional Screening Levels (RSLs) if no MCL was published. I didn't have time to look up many of the compounds, but my findings follow: All the metals RLs were at or below the MCLs. I only looked up some of the SVOCs. I believe the OLC03.2 CRQLs are adequate for the phthalates, which are some of the site-specific contaminants. But a significant number of the PAH compounds have very low RSLs, some below 1 ug/l. (I think benzo(a)pyrene has an RSL ~ 0.0029 ug/l for tap water). I don't know if the PAHs have been detected at the site, but the RP had their samples analyzed by what they called '8270W', evidently a variation of the SW846 SVOC method, and had a 1.0 ug/l RL (PQL). When we had a similar Marcellus Shale-related site last summer, we had the lab do the PAHs by 8270C SIM, which had a 0.1 ug/L RL for the PAHs included in the TCL. I didn't have time to check the VOCs, but from previous projects, I believe virtually all the OLC03.2 CRQLs are at or near the MCLs/RSLs.

This is just FYI. The PM has asked one of the OSCs if they have action levels or standards that the data will be compared with, but we haven't received any to date.

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